

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



UNITED STATES PATENT AND TRADEMARK OFFICE

4811-10 DWS
UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/629,746	07/31/2000	Louis Brown Abrams	D.N.7158	4116

7590 12/30/2003
SHERIDAN ROSS
1560 Broadway
Suite 1200
Denver, CO 80202-5141

RECEIVED

JAN 05 2004

SHERIDAN, ROSS

EXAMINER

LEE, EDMUND H

ART UNIT PAPER NUMBER

1732

DATE MAILED: 12/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

DOCKETED
BDC

1/14/04

Advisory Action

Application No.

09/629,746

Applicant(s)

ABRAMS, LOUIS BROWN

Examiner

EDMUND H. LEE

Art Unit

1732

--The MAILING DATE of this communication appears on the cover sheet with the corresponding address--

THE REPLY FILED FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 2 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
(a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ they raise the issue of new matter (see Note below);
(c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: see attachment.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: none.Claim(s) objected to: none.Claim(s) rejected: 1-5, 7-9, 11-14, 16-33, 35-40, 54-69.

Claim(s) withdrawn from consideration: _____.

8. ☐ The drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☒ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). 24.
10. ☐ Other: _____

EDMUND H. LEE
Primary Examiner
Art Unit: 1732

Attachment to Advisory action

1. Applicant's arguments filed 10/14/03 have been fully considered but they are not persuasive. First, Applicant's request for reconsideration filed 10/14/03 is incomplete because it fails to respond to examiner's final rejection of independent claim 57. Second, Applicant argues that the binder adhesive of Abrams (WO 90/09289) is thermoplastic instead of thermosetting. Abrams clearly teaches that the binder adhesive used is crosslinked, which implies that the adhesive is a thermoset. Thermoplastics are not crosslinked thus enabling them to be re-melted and reshaped. Third, Applicant argues that the adhesive of Abrams does not have "a melting point higher than the melting point in the mold." This argument is not understood because the phrase "melting point in the mold" does not make any sense. Fourth, Applicant argues that a thermosetting adhesive is not taught. This is misplaced because it is clear that the cross-linked binder adhesive of Abrams is a thermoset adhesive. Fifth, Applicant argues that there is no support for the well-known statement concerning the use of two injection pressures. This is misplaced because applicant's failure to seasonably traverse this well-known statement in Applicant's response filed 5/2/03 has warranted this well-known to be accepted as admitted prior art. Sixth, Applicant argues that Abrams teaches using a permanent adhesive having a hot melt adhesive therein. This is misplaced because it is clear from Abrams that the permanent adhesive may or may not contain a hot melt adhesive. See page 12, lines 2-5 of Abrams. Seventh, Applicant argues that there is no support for the well-known idea of performing the flock. The well-known idea of performing an insert is taught by the article titled "Film insert

Art Unit: 1732

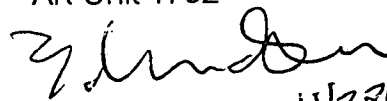
molding technology" cited on Applicant's information disclosure statement filed 10/23/00.

2. In regard to the IDS filed 8/27/03, such is a duplicated of the IDS filed 9/13/02. An examiner-initialed copy of the PTO-1449 was mailed to applicant on 2/5/03. A copy of the examiner-initialed PTO-1449 mailed to applicant on 2/5/03 is attached hereto.
3. In regard to the IDS filed 11/20/03, Applicant states that the Japanese reference was cited on the Office action mailed 8/14/03, however, it is not found in the Office action mailed 8/14/03. Also, Applicant failed to provide a PTO-1449 listing the English translation of the Japanese reference.
4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to EDMUND H. LEE whose telephone number is 571.272.1204. The examiner can normally be reached on MONDAY-THURSDAY FROM 9AM-4PM.

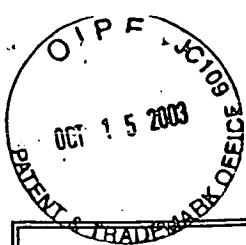
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Colaianni can be reached on 703.305.5493. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703.308.0661.

EDMUND H. LEE
Primary Examiner
Art Unit 1732



11/28/03



RECEIVED

OCT 24 20

TC 170

SHEET 1 OF 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4811-10	SERIAL NO. 09/629,746
	APPLICANT ABRAMS	
	FILING DATE July 31, 2000	GROUP ART 1732

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	AA	3,989,869	11/02/1976	Neumaier et al.	428	254	
	AB	4,160,851	07/10/1979	Lienert et al.	427	379	
	AC	4,314,955	02/09/1982	Boden et al.	264	51	
	AD	4,539,166	09/03/1985	Richartz et al.	264	45.1	
	AE	4,582,658	04/15/1986	Reichmann et al.	264	45.1	
	AF	4,797,320	01/10/1989	Kopp et al.	428	316.6	
	AG	4,810,321	03/07/1989	Wank et al.	156	244.23	
	AH	4,812,247	03/14/1989	Fahner et al.	252	511	
	AI	5,009,950	04/23/1991	Wagner et al.	428	290	
	AJ	5,043,375	08/27/1991	Henning et al.	524	372	
	AK	5,154,871	10/13/1992	Wagner et al.	264	255	
	AL	5,274,039	12/28/1993	Sirinyan et al.	525	130	
	AM	6,118,149	09/05/2000	Dukatz	283	91	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



SHEET 1 OF 1
RECEIVED
SEP 16 2002
TC 1700

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 4811-10	SERIAL NO. 09/629,746
	APPLICANT ABRAMS	
	FILING DATE July 31, 2000	GROUP ART 1732

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
[Signature]	AA	3,989,869	11/02/76	Neumaier et al.	428	254	
	AB	4,160,851	07/10/79	Lienert et al.	427	379	
	AC	4,314,955	02/09/82	Boden et al.	264	51	
	AD	4,539,166	09/03/85	Richartz et al.	264	45.1	
	AE	4,582,658	04/15/86	Reichmann et al.	264	45.1	
	AF	4,797,320	01/10/89	Kopp et al.	428	316.6	
	AG	4,810,321	03/07/89	Wank et al.	156	244.23	
	AH	4,812,247	03/14/89	Fahner et al.	252	511	
	AI	5,009,950	04/23/91	Wagner et al.	428	290	
	AJ	5,043,375	08/27/91	Henning et al.	524	372	
	AK	5,154,871	10/13/92	Wagner et al.	264	255	
	AL	5,274,039	12/28/93	Sirinyan et al.	525	130	
	AM	6,113,149	09/05/00	Dukatz	283	91	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLA SS	SUB CLASS	TRANSLATION	
							YES	NO
[Signature]	AN	W/O 02/07959 A1	01/31/02	PCT				

EXAMINER E. Lee	DATE CONSIDERED 1/27/03
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	